



ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARK
Washington, DC 20231

PATENT

Date: March 31, 1999

File No. 0941.63006

Sir:

Transmitted herewith for filing is the patent application of
Inventor(s): Seiji Tanuma, Yohei Nakanishi,
Takatoshi Mayama

I hereby certify that this paper is being deposited with the United
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Date

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For: LIQUID CRYSTAL DISPLAY DEVICE
OPERATING IN A VERTICALLY
ALIGNED MODE OF LIQUID CRYSTAL
MOLECULES



Enclosed are:

(X) 24 pages of specification, including 5 claims and an abstract.
() an executed oath or declaration, with power of attorney.
(X) an unexecuted oath or declaration, with power of attorney.
(X) 8 sheet(s) of informal drawing(s).
() sheet(s) of formal drawing(s).
() Assignment(s) of the invention to _____.
() Assignment Form Cover Sheet.
() A check in the amount of \$____ to cover the fee for recording the assignment(s)
is enclosed.
() Information Disclosure Statement.
() Form PTO-1449 and cited references.
() Associate power of attorney.
() Priority Document.

Fee Calculation For Claims As Filed

a) Basic Fee		\$760.00
b) Independent Claims	2 - 3 = 1	x \$ 78.00 = \$ 78.00
c) Total Claims	5 - 20 = 0	x \$ 18.00 = \$ _____
d) Fee for Multiple Claims		\$260.00 = \$ _____
	Total Filing Fee	\$838.00
()	Statement(s) of Status as Small Entity, reducing Filing Fee by half to	\$ _____
()	A check in the amount of \$____ to cover the filing fee is enclosed.	
()	Charge \$_____ to Deposit Account No. 07-2069.	
()	Other _____	
()	The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.	

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